





Combat Capabilities Development Command Army Research Laboratory (CCDC ARL) South University of Texas at Austin 10100 Burnet Road, Bldg. 133

CCDC ARL South Newsletter

Special GEMS Edition!!

The ARL South Team is excited to release a special edition of our newsletter that focuses on our inaugural Gains in Engineering, Math and Science (GEMS) program, virtual edition, held June 22-26, 2020. Each participant is highlighted in this publication.



A Message to Our Students

CSM Michael A. Crosby Army Futures Command

"We need young people just like yourselves to take the mantle on. Become the next generation of great minds and hard workers. That is the key to success. Hard work. Take the hard jobs. Maximize your talent. Be absolutely the best that you can be at whatever you do. I challenge you, do not lose your curiosity and your creativity. That's what counts. We need young people like yourselves to challenge what we know. We need technology competent scientists and engineers and there are several of you out there that are going to take up that title."

Summer Issue 3 FY 2020



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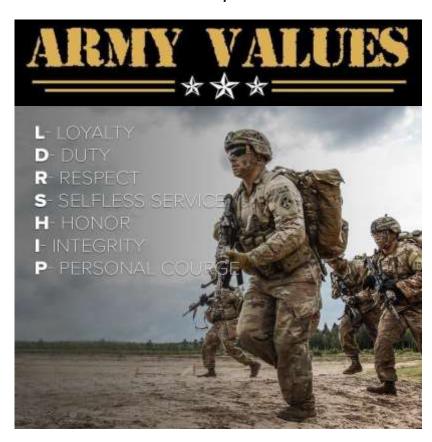
GAINS IN THE EDUCATION OF MATH AND SCIENCE

The Combat Capabilities Development Command (CCDC) Army Research Laboratory/South hosted our first annual Gains in the Education of Math and Science (GEMS) program, virtual edition on June 22-26, 2020. GEMS is a program sponsored by the Army Education Outreach Program (AEOP). Our Austin based week long summer event was intended to bring hands on experience in computer science and robotics to rising 9th, 10th and 11th grade students. By making the program a virtual opportunity this year, students from anywhere in the country had the opportunity to apply to explore Science, Technology, Engineering, and Math (STEM) topics with the help of real Army subject matter experts and near peer mentors. Nearly 100 student applications were received and 21 students were selected to explore Army related STEM activities.

The virtual ARL South GEMS event was the first virtual GEMS event ever held of its kind at ARL. It presented a new opportunity to reach out to talented students regardless of their geographical location. Guest speakers from the Army Futures Command (AFC): Command Action Group (CAG), Army Applications Laboratory and Army Research Laboratory (ARL) took part in the program's lunch time speaker series which was critical for providing the soldier-technology connection.

By the end of the week, our students learned how to program an autonomous vehicle to drive around obstacles, make music, identify hazards, rescue civilians in an emergency scenario, and drive around a "Smart City" that connected one student's part of the city to another's. But more importantly, every single person involved in this first time event at ARL South learned something new about STEM and the important role that young students play in the future of our country.

Hazard Yet Forward! Prompta Tamen Periculum!









PROGRAM PARTICIPANTS

All of the following individuals helped make this year's event a resounding success. Our Resource Teacher rallied the troops together and created the classroom culture with fun ice breakers at the beginning of each day. Our Near Peer Mentors and Subject Matter Experts guided students during assignments and activities and were always available to help. We were honored to have special guests from Army Futures Command speak about their roles during our special Lunch Time Speaker Series. The cherry on top was when ARL Director Dr. Patrick J. Baker and Army Futures Command CSM Michael A. Crosby kicked off and closed the first and final days of presentations with inspiring messages to pursue STEM. Here are all of the people that made our inaugural program a resounding success.

SPECIAL GUEST SPEAKERS



Dr. Patrick J. Baker
Director
US Combat Capabilities Development Command (CCDC) Army Research Laboratory

Dr. Patrick J. Baker currently serves as the Director of the U.S. Combat Capabilities Development Command (CCDC), Army Research Laboratory (ARL), the Army's premier laboratory for basic and applied research. ARL conducts research in weapons and materials, sensors and electron devices, computational and information sciences, human research and engineering, and vehicle technology. ARL's Army Research Office executes the Army extramural basic research program in scientific and engineering disciplines. The Laboratory consists of approximately 2,000 civilian and military employees with an annual budget of over \$1 billion. Dr. Baker was selected for the Senior Executive Service in May 2012.



Michael A. Crosby Command Sergeant Major Army Futures Command

Command Sergeant Major Michael A. Crosby is assigned to the Army Futures Command, Austin, Texas. He entered the United States Army in August 1988 and completed One Station Unit Training at Fort Knox, Kentucky. He has served in numerous leadership positions from Section Sergeant to Division Command Sergeant Major.







LUNCH TIME SPEAKER SERIES

These awesome folks from the Army Futures Command, Army Applications Lab, and UT Austin joined us throughout the week with inspiring messages and morsels of information regarding the role of technology in the Army. We know their messages inspired our GEMS students to continue exploring the world of STEM.



June 22, 2020

COL Chris Bachl — Director of AFC's Commander's Action Group - Infantry Officer with a functional area (Operational Research and Statistical Analysis - ORSA)



June 23, 2020

MAJ Matt Etheridge — Speechwriter in AFC's Commander's Action Group - Infantry Officer



June 24, 2020

LTC Rich Hagner — Land Warfare Analyst in the Commander's Action Group - Signal Officer who just completed his PhD at Vanderbilt University



June 24, 2020

Dr. Mitch Pryor — Research Scientist and Lecturer for the Cockrell School of Engineering at the University of Texas at Austin. Dr. Pryor gave a virtual tour of the robotics lab at UT Austin.



June 25, 2020

Ms. Julia McAdams — Science and Technology Advisor in AFC's G-3/5/7 (operations group) - Chemical Engineer with over a decade of experience at the Army's Soldier Cen-



June 26, 2020

Jessica Patino — Civil General Engineer for the Army Applications Laboratory. Began as an intern with the Army Futures Command in 2019.







OUR RESOURCE TEACHER



Joyce Rigelo Co-Founder & COO Master Al



I am currently an EdTech educator and product developer. I have a great passion for motivating the youth into STEM. I am also a scientist with experience in various machine learning models and Python programming. I have a strong background in Mathematics with 14+ years of experience in scientific modeling and analytical reasoning of models. On my free time I enjoy rock climbing, wake surfing and cooking.

SUBJECT MATTER EXPERTS

In alphabetical order



Argenis Bilbao, PhD
Electronics Engineer, Sensors and Electron Device Directorate (SEDD)
Power and Energy Branch
CCDC U.S. Army Research Laboratory South/Texas Tech University

Dr. Argenis Bilbao is an Electronics Engineer responsible of performing research in the areas of Wireless Power Transfer (WPT) and Artificial Intelligence (AI) / Machine Learning (ML) for power semiconductor devices and power electronics.

Dr. Bilbao's previous employment was as an Assistant Research Professor at Texas Tech University where he was one of the technical leads for the development of a \$13 M micro-grid sponsored by the State of Texas.

Before his employment at ARL South/Texas Tech University, Dr. Bilbao was employed at the Sandia National Laboratory and was in charge or developing real-time signal conditioning and control software for intelligent, self-adapting wind turbine rotors. He obtained his Bachelor's, Master's and Ph.D. (2016) from Texas Tech University.



Cindy DiNunno STEM Outreach Coordinator Army Research Laboratory

Ms. Cindy DiNunno currently serves as a STEM Outreach Coordinator at the Combat Capabilities Development Command (CCDC) Army Research Laboratory (ARL). She is one of two coordinators within the K-12 STEM Outreach team who develop, plan, conduct and support STEM Activities for students of grade school level. She has also translated technical concepts into hands-on, relatable labs for the students. During her 5 years with CCDC-ARL at Aberdeen Proving Ground (APG), she has performed labs for nearly 17,000 students.







SUBJECT MATTER EXPERTS CONTINUED



Matthew Johnson, PhD Researcher, Sensors and Electron Devices Directorate CCDC Army Research Laboratory South

Dr. Johnson earned his B.S. in electrical engineering from Texas A&M University, College Station, Texas in 2011. In 2017, he received a Ph.D. in electrical engineering after completing his dissertation on the "Design and Analysis of Axial and Radial Flux Magnetic Gears and Magnetically Geared Machines" in the Advanced Electric Machines and Power Electronics Laboratory at Texas A&M University under Professor Hamid Toliyat. Dr. Johnson worked in the medium voltage drives research and development group at Toshiba International Corporation from 2016 to 2018, and he currently works for the U.S. Army Research Laboratory's Sensors and Electron Devices Directorate. Dr. Johnson has published 16 IEEE conference and journal papers on magnetic gears and magnetically geared machines and received a patent on a novel magnetically geared machine. He has also participated in the design, construction, and/or evaluation of seven magnetic gear or magnetically geared machine prototypes.



Kirby Thomas Cross Functional Team Integrator Army Futures Command

Mr. Kirby Thomas currently serves as the Synthetic Training Environment Cross-Functional Team Integrator at Army Futures Command in Austin, TX. Prior to moving to Austin, Mr. Thomas served as the Army lead for Military Intelligence Modeling and Simulation at the Headquarters, Department of the Army, in the Pentagon. In addition to over a decade of civilian service in the Army, he also served in uniform for nine years as a Russian linguist. After leaving active duty, and prior to coming back as an Army Civilian, Mr. Thomas was a software developer and system analyst in the defense industry. He has coached and mentored STEM students at the high school and collegiate levels for eight years and looks forward to inspiring the next generation to serve by giving back in whatever way their talents support.



Alejandro White Electrical Engineer, Vehicle Technology Directorate Army Research Laboratory

Dr. Alejandro White is a postdoctoral researcher at the United States Army Research Laboratory. Upon graduating from North Carolina A&T State University with a Ph.D. in Electrical Engineering, Dr. White joined the Mechanics Division, Summer 2019. His research interest is concentrated in applying machine learning for the generative design of complex nonlinear systems.







NEAR PEER MENTORS

In alphabetical order



Nicholas Anagnos, Undergrad Student (Senior) University of Texas at Austin, Austin, TX

Nicholas is currently pursuing a BS in Mechanical Engineering at UT Austin. In high school Nicholas was a part of a program called Peer Assistance, Leadership, and Service (PALS), mentoring elementary school students. Most recently, Nicholas is a mentor for a local middle school robotics team as well as an undergraduate research assistant for the Nuclear Robotics Group at his university, keeping his childhood love for robots and engineering alive.



Zachary Egolf, Graduate Student
University of Pittsburgh, Pittsburgh, PA

Zachary's main STEM interests are in the areas of Systems Engineering, Robotics/Automation, and Mechatronics. Zachary decided to apply to the GEMS program for the opportunity to enhance his mentoring skills through the practice of explaining engineering topics to people with various backgrounds, leading teams, and sharing his own personal experiences.



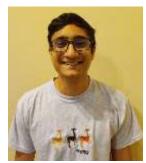
Ian Morrill, 12th Grade Aberdeen High School, Bel Air, MD

lan has participated in three previous GEMS programs as a student through ARL's GEMS program in MD. Ian is now interested in sharing his knowledge and experiences as a mentor. Ian plans to pursue a degree in Computer Science after graduation.



Jaxon Strank, 11th Grade Clear Creek Amana High School, Tiffin, IA

Jaxon is working on receiving his high school diploma, and has completed two years of college level Engineering courses through a program called Project Lead The Way (PLTW). Jaxon is currently interested in the fields of quantum communications, chemical engineering, or aerospace engineering and craves to learn the potential of machines as well as learn how molecules interact.



Sahil Vaidya, Undergrad Student (Senior) University of Texas at Austin, Austin, TX

Sahil is currently pursuing a BS in Electrical and Computer Engineering at UT Austin. Sahil attended a GEMS program when he was in the 8th grade, which ultimately sealed his interest in STEM as a career path. Sahil enjoyed the mentoring aspect of his GEMS program and would now like the opportunity to serve in that role, to help someone else determine their study focus.







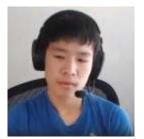
STUDENT PARTICIPANTS

In alphabetical order



Lily Bachl, 11th Grade Westlake High School, Austin, TX

Lily is a military dependent and hopes to continue the tradition of serving her country as part of the military and would like to one day attend a military academy. Lily pursued the GEMS opportunity in hopes of learning more about how her studies relate to the Army mission.



Ethan Chandra , 11th Grade Harmony Science Academy Austin, TX

Ethan and his team Won 3rd place at the Austin Regional Science Fair in the Astronomy and Physics Category in February 2020, as well as 2nd place at the Roboters International Festival in the Drone Competition in February 2020 as his most recent competitions. Ethan has participated in several competitions stemming from National Rocketery, Robotics to Astronomy and Physics.



Susan (Mimi) Clot De Broissia, 11th Grade John Paul II High School, Plano, TX

Mimi is looking to pursue an engineering or other STEM degree in college and is exploring different career paths. After school, Mimi volunteers with kids ages 4-12 as a co-leader of the Family Learning program at the Dallas Public Library where she leads STEM, art, and literacy activities.



Zachariah Collins, 10th Grade Westlake High School, Austin, TX

Zack loves math, science, and computer science, and would like to understand careers in STEM, specifically Artificial Intelligence. Outside of school, Zack is a boy scout, plays the trombone in his high school marching band and enjoys Krav Maga, Dungeons & Dragons, video games, programming for fun and playing board games with his family and friends.



Ezekial Collins, 9th Grade Westlake High School, Austin, TX

Zeke's favorite subject is math and Latin, and is interested in learning about how STEM can help the Army and what potential jobs and career paths look like in this field and organization. Zeke is a boy scout, is in Latin Club and competes in Certamen for his school, enjoys swimming, Krav Maga, anything DC or Marvel universe/superhero related, and playing board games with his family. Zeke is interested in studying digital animation.









Joelly Cortes, 11th Grade Harmony Science Academy – Houston, TX

Joelly is currently working with a professor at the North American University on a bioinformatics research project about codon optimization for cancer treatment. With this project, Joelly will be competing in a statewide science fair next April. Joelly is in the National Honor Society club in high school as part of the Research and Design committee where they are currently working on moss benches that will help absorb carbon dioxide and pollutants from the air.



Duncan Gilbreath, 11th Grade Westlake High School, Austin, TX

Duncan and his teammate won the midterm class competition in Robotics by pre-programming a robot to pick up rocks around a maze and launch them. Duncan created a number game called TripleX using C++ coding. Duncan knows that the future is technology, and therefore has a strong passion to master everything there is to know about hardware and software. In the future Duncan would like to enroll at the Naval Academy or MIT.



Campbell Gilmore, 10th Grade Brownwood High School, Brownwood, TX

Campbell would like to become either a software engineer or a web developer. With COVID-19 Stay at home orders in place, Campbell has begun to teach himself a programming language similar to one known as Lua.



Madelynn Johnson, 10th Grade East View High School, Georgetown, TX

Since childhood Madelynn has dreamed about inventing new and creative ways to take flight as an aeronautical engineer, but is still looking at other options for the future. Outside of school Madelynn loves to play soccer and create art.



Tanner Monk, 10th Grade Kingwood High School, Kingwood, TX

Tanner is interested in all areas of science, technology, engineering, and mathematics. Tanner's Robotics team won the 2019 Humble ISD Robotics Challenge as well as the Engineering Award for successfully adding 3D printed structural parts to the VEX Clawbot robot. Tanner's goal is to become a doctor that works on creating vaccines and new innovations to save people's lives.









Sergio Rodas Leal, 11th Grade Van Vleck High School, Van Vleck, TX

Since the 4th grade, Sergio has been interested in becoming a Software Engineer after learning that students in the U.S. were ranked low in math and science compared to other countries. In high school, Sergio is a member of the Future Farmers of America chapter, and a student council member. Outside of school, Sergio has been a Boy Scout since 2015 and currently ranks as STAR with a Leadership position.



Anh Nguyen, 11th Grade Westwood High School, Austin, TX

Anh desires to be an expert in computer science because of its limitless potential, and plans to work toward a Bachelor's Degree in Computer Science at UT Austin or Texas A&M. Anh plans to ultimately use her education to contribute back to the country and the U.S. Army.



Carson Seiber, 11th Grade A&M Consolidated High School, College Station, TX

Carson is interested in pursuing an engineering degree and is also interested in following in his father's footsteps by joining the Army. Carson loves researching everything and anything, regarding any topic. Carson is on the high school football, wrestling, and baseball teams as well as musical theatre, choir, and an acapella group. Carson is a member of the Student Council Association and National Junior Honor Society.



Ella Seidel, 11th Grade Westlake High School, Austin, TX

Ella is interested in technology and wants to be a software developer. Although Ella finds coding challenging, she enjoys the logical process and finds it rewarding. Ella is a member of the high school track and cross-country teams as well as part of the Community Emergency Response Team and ranked in the 98th percentile on the National Spanish Exam. Ella is also vice president of the Westlake High School Miracle Maker's Club (a branch of the UT Dance Marathon), working to raise money for Dell Children's Hospital.



Ari Sharma, 10th Grade Liberal Arts and Sciences Academy (LASA) High School, Austin, TX

Ari has been interested in STEM since childhood. Ari has participated in competitive clubs like MATH-COUNTS and Science Olympiad. Ari's main area of interest is Computer Science and has begun to develop a more focused interest in data analytics, artificial intelligence, neural networks, and computer hardware. Ari plans to start an Artificial Intelligence (AI) club in his high school next year and expects to use his experience in the GEMS program towards reaching that goal.









Lars Spinetta, 9th Grade Vandergrift High School, Leander, TX

Lars is very excited about a future in the military and also STEM. Lars' goal is to become an engineer, focusing most on the problems that the military and our country faces. Lars is a straight-A student with a 4.0 GPA, and will be a freshman taking Calculus BC next year.



Prayag Sreenivasan, 10th Grade Westwood High School, Austin, TX

Prayag is interested in aerospace engineering, physics, and coding and is particularly interested in space propulsion approaches and space exploration. Prayag also plays violin in the school orchestra. Outside of school, Prayag enjoys freestyle sketching including Japanese styles known as Chibi and Manga.



Rohini Sreenivasan, 10th Grade Westwood High School, Austin, TX

Rohini has some preliminary coding experience and is interested in learning how coding is used in the military. Recently Rohini had the chance to use the MIT app inventor while creating an app called Quickshot for the Congressional App Challenge. In the future, Rohini would like to pursue a higher degree in Biology as well as learn how applying artificial intelligence techniques can be used to understand human behavior, and help the US intelligence community.



Shiying Su, 11th Grade Westwood High School, Austin, TX

Shiying is interested in learning more about chemistry and computer science, and enjoys the heavy use of logic and creativity in the STEM field. She is also very passionate about dance and music and is on her school's drill team.









Nicolas Thames, 10th Grade Brownwood High School, Early, TX

Nicolas is interested in engineering as a potential career path and is also interested in learning about different career opportunities within the military. Outside of school, Nicholas enjoys hunting, fishing, automotive, learning about construction, and computers.



William Vipperman, 11th Grade Mount Lebanon School District, Pittsburgh, PA

William has always had an interest in engineering, math, and science and would like to learn programming and how to experiment with engineering ideas. In addition to William's interest in Computer engineering and programming, he enjoys learning biology.

PARTNER—REVISIONED INC.



Gabriel Krizin CEO ReVisionEd Inc.

Gabriel Krizin CEO of ReVisionEd Inc (STEM educational company) is an Austin, TX-based Strategic Partnerships expert. Gabriel is a happy father of three boys. He is an active participant in the local business community and enjoys engaging in meaningful service. Gabriel's business is about helping connect the connectors and the businesses to the right people or solutions that make everyone grow together.





autoautoLABS







THE ARL SOUTH TEAM



Heidi Maupin, PE Regional Lead U.S. Army Research Laboratory South

Ms. Heidi Maupin serves as Regional Lead of U.S. Army Research Laboratory (ARL) South. ARL South's mission is to quickly operationalize science that will meet future Army requirements through research and development partnerships and collaborative activities with regional universities, start-ups, and established companies. Maupin cultivates partnerships to achieve cutting edge research results in the areas that will fill technical gaps leading to technical dominance and ensure National security. Ms. Maupin's 30+ years of experience include 27 years with the federal government along with research activities with private industry and as an independent consultant. A licensed professional engineer, Maupin earned a BS in metallurgical engineering and a ME in materials science and engineering, both from the University of Utah.



Shannon Strank
UT Center for Electromechanics – Assistant Director
ARL – Deputy for Army Research Laboratory South

Ms. Shannon Strank serves as a Joint Faculty Appointment with the Army, supporting the ARL South Open Campus with its collaboration efforts. She also serves as the UT Center for Electromechanics (CEM) Assistant Director where she works closely with program managers at the Center to develop and grow programs in six different technology focus areas. She engages current and future research sponsors, including individuals, federal programs, corporations, and foundations to ensure that UT-CEM maintains diverse funding sources toward world changing research. Ms. Strank also manages communication of UT -CEM's accomplishments and activities both within UT and to external partners. Most importantly, she leverages her experience as both a mechanical engineer and a business manager to insure the Center develops novel technologies to benefit the ever changing needs of society.



Corine Romero
Management Assistant
U.S. Army Research Laboratory South

Ms. Romero joined the ARL South team in Austin, TX as the region's event and technical coordinator and serves as the administrative POC, ensuring information and support are available for all employees and partners in the region. Ms. Romero received a BA in Political Science from the University of Texas at El Paso and brings with her over 10 years of operations management experience in youth and vocational rehabilitation programs, as well as military deployment operations. Before joining ARL South, Ms. Romero supported Department of Defense (DOD) deployment operations at Fort Bliss, TX, where she acquired unique insight to the challenges facing deployed military personnel.







THE TEAMS!

Team 1: The Oneders

Near Peer Mentor: Nick Anagnos Subject Matter Expert: Argenis Bilbao

Monitor: Abigail Kalina
Lily Bachl, 11th grade
Mimi Clot De Broissia, 11th grade
Zach Collins, 10th grade
Prayag Sreenivasan, 10th grade



Team 3: Untitled 3

Near Peer Mentor: Ian Morrill
Subject Matter Expert: Cindy Dinnuno

Monitor: Cindy Dinnuno
Ethan Chandra, 11th grade
Gilmore Campbell, 10th grade
Carson Seiber, 11th grade
William Vipperman, 11th grade
Rohini Sreenivas, 10th grade



Team 2: Pythons

Near Peer Mentor: Zachary Egolf Subject Matter Expert: Matt Johnson

Monitor: Jen Berman
Anh Nguyen, 11th grade
Sergio Rodas Leal, 11th grade
Ella Seidel, 11th grade
Madelyn Johnson, 10th grade



Team 4: The Python Alphas

Near Peer Mentor: Alejandro White **Subject Matter Expert**: Jaxon Strank

Monitor: Ginny To Tanner Monk, 10th grade Ari Sharma, 10th grade Zeke Collins, 9th grade Lars Spinetta, 9th grade



Team 5: No Questions Asked

Near Peer Mentor: Sahil Vaidya
Subject Matter Expert: Kirby Thomas

Monitor: Jacob Brossart
Joelly Cortes, 12th grade
Shiying Su, 11th grade
Nicolas Thames, 10th grade
Duncan Gilbreath, 11th grade









FUTURE STEM OPPORTUNITIES

Here are some of the STEM Opportunities available for students ranging from Middle school through college. There are several more opportunities within ARL so make sure to check out the link below!

DOD HBCU/MI Summer Program

OSD Funded; DoD HBCU/MI student program affords participants the opportunity to work side by side with DoD scientists and engineers in state of-the-art research facilities while observing and implementing concepts from their course work. The DoD Summer Program is open to applicants meeting all the following requirements:

- Enrolled in or recent graduate of a HBCU/
 MI (within past six months)
- o Science, Technology, Engineering, or Mathematics (STEM) majors
- o U.S. Citizens

Science and Engineering Apprenticeship Program (SEAP)

Directorate Funded; SEAP matches practicing DoD scientists with talented high school students creating a direct mentor-student relationship that provides students with training that is unparalleled at most high schools. SEAP fosters desire in its participants to pursue further training and careers in STEM. This program is open to students meeting all the following requirements:

- o Enrolled in the 10th, 11th, or 12th grade
- o 16 years old at time of apprenticeship
- o U.S. Citizens or Permanent legal resident

DOD HBCU Center Of Excellence (COE)

DOD HBCU/MI Center of Excellence (COE) summer program affords OSD COE scholars the opportunity to work side by side with DoD scientists and engineers in state of-the-art research facilities while observing and implementing concepts from their course work. The DOD HBCU/MI COE Summer Program is open to applicants meeting all the following requirements:

- Enrolled students or recent graduates of an DOD HBCU/MI COE (within past six months)
- Major in a Science, Technology, Engineering,
 or Mathematics (STEM) discipline
- o U.S. Citizens

Summer Student Experience (SSE)

SSE provides opportunities for select scientists, engineers and students to engage in their choice of research problems that contribute to ARL research efforts. SSE is open to applicants meeting all the following requirements:

- o Enrolled students or recent graduates (within past five years)
- o Science, Technology, Engineering, or Mathematics (STEM) majors
- U.S. Citizens or U.S. permanent legal residents. A foreign candidate may also be considered on a case by case basis.

College Qualified Leaders (CQL)

CQL fosters desire in its participants to pursue further training and careers in STEM. CQL students receive firsthand research experience and exposure to DoD laboratories. CQL is open to students meeting all the following requirements:

- Enrolled undergraduate students or recent graduates (within past six months)
- Science, Technology, Engineering, or
 Mathematics (STEM) majors
- U.S. Citizens or U.S. permanent legal residents.

ROTC Summer Program

Supported by Cadet Command; The ROTC Program is a summer leadership enrichment program for ROTC college students. ROTC students are eligible to receive cadet pay based on academic and military rank. Pay, transportation and housing resources are provided by cadet command.

- o Enrolled in ROTC
- o Any major

For further information, contact:

Patrice Collins

Please visit:

https://www.arl.army.mil/careers/students/



















PHOTOS

We've seen your awesome work ethic and creativity. We also had a chance to see your homes, your siblings, maybe even your PJs. Here's a little recap!



















